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**From:** Woodbury, Lynn [woodburyl@cdmsmith.com]  
**Sent:** 12/3/2019 2:41:21 PM  
**To:** Partridge, Charles [Partridge.Charles@epa.gov]  
**CC:** Greene, Nikia [Greene.Nikia@epa.gov]; David Shanight [shanightdt@cdmsmith.com]  
**Subject:** Re: Composition

I'll also summarize a few prenatal vitamin label mineral contents for reference. Based on my limited research yesterday, nearly all contain copper, iron, and zinc, and many also include manganese, chromium, and selenium.

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**From:** Woodbury, Lynn <woodburyl@cdmsmith.com>  
**Sent:** Tuesday, December 3, 2019 7:37:24 AM  
**To:** Partridge, Charles <Partridge.Charles@epa.gov>  
**Cc:** Greene, Nikia <Greene.Nikia@epa.gov>; Shanight, David <ShanightDT@cdmsmith.com>  
**Subject:** Re: Composition

Yes, I've located a few studies that I think will be useful to address your request. I'm also pulling together some bullets to detail the various lines of evidence we have to support the conclusion there is a units error in the McDermott paper (e.g. MIREC comparisons, Aziz tox thresholds, CLP lab limit comparisons). I will try to get that to you as soon as I can today.

Lynn

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**From:** Partridge, Charles <Partridge.Charles@epa.gov>  
**Sent:** Tuesday, December 3, 2019, 7:22 AM  
**To:** Woodbury, Lynn  
**Cc:** Greene, Nikia  
**Subject:** Composition

Lynn,

I am on my way to the airport. Can you find an article about the composition of meconium. Specifically chemical, elemental concentrations if possible. I'm particular interested in copper and zinc. They are present in prenatal vitamins. The South Carolina samples are very low. I would think that the infant had these levels there would be health effects. Another line of evidence that the sc data may be off bc if conversion.

Cp

Sent from my iPhone